

W. R. Grace & Co., Inc.(Acton Plant)
NPL Site Administrative Record
Proposed Plan for Record of Decision
(ROD)
Operable Unit 3

Index

July 2005

Prepared by
EPA New England
Office of Site Remediation & Restoration

Introduction to the Collection

This is the Administrative Record for the W.R. Grace & Co., Inc. (Acton Plant) Superfund site, Acton & Concord, MA, OU 3, Contaminated Groundwater, Proposed Plan for Record of Decision (ROD), released July 2005. The file contains site-specific documents and a list of guidance documents used by EPA staff in selecting a response action at the site.

This file includes, by reference, the administrative record files for the W.R. Grace & Co., Inc. (Acton Plant) Record of Decision (ROD) OU1, September 29, 1989.

The administrative record file is available for review at:

Acton Memorial Library
486 Main Street
Acton, MA 01720
978-264-9641 (phone)
<http://www.actonmemoriallibrary.org/>

EPA New England Superfund Records & Information Center
1 Congress Street, Suite 1100 (HSC)
Boston, MA 02114 (by appointment)
617-918-1440 (phone)
617-918-1223 (fax)
<http://www.epa.gov/region01/superfund/resource/records.htm>

Questions about this administrative record file should be directed to the EPA New England site manager.

An administrative record file is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

Instructions about PDF

Some of the documents in this collection are available as a Portable Document Format (PDF) file. The PDF process maintains the look and presentation of the original document. To view PDF files, you will need Adobe Acrobat Reader software loaded on your computer. This software is available, free of charge, from Adobe Software [this is a link to <http://www.adobe.com>]. To ensure you will be able to see a PDF file in its entirety, please obtain the most recent version of the free Adobe Reader from the Adobe Web site. (<http://www.adobe.com/products/acrobat/readstep.html>)

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005

Page 1 of 26

03: REMEDIAL INVESTIGATION (RI)

42861 REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) STATEMENT OF WORK (SOW)

Author: M MITCH OBRADOVIC W R GRACE & CO
Addressee: EDMUND G BENOIT MA DEPT OF ENVIRONMENTAL PROTECTION
DAVID O LEDERER US EPA REGION 1

Doc Date: 03/25/1998 **# of Pages:** 72
File Break: 03.03

Doc Type: REPORT

42862 APPROVAL OF REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) STATEMENT OF WORK (SOW)

Author: DAVID O LEDERER US EPA REGION 1
Addressee: M MITCH OBRADOVIC W R GRACE & CO

Doc Date: 04/15/1998 **# of Pages:** 1
File Break: 03.03

Doc Type: LETTER

43197 INITIAL SITE CHARACTERIZATION REPORT

Author: HSI GEOTRANS
Addressee:

Doc Date: 08/12/1998 **# of Pages:** 423
File Break: 03.06

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005

Page 2 of 26

03: REMEDIAL INVESTIGATION (RI)

43192 PHASE 1 REMEDIAL INVESTIGATION (RI) WORK PLAN

Author: HSI GEOTRANS

Addressee:

Doc Type: REPORT

Doc Date: 05/14/1999 **# of Pages:** 209

File Break: 03.07

43193 RESPONSE TO JULY 13, 1999 GOVERNMENT PARTY COMMENTS ON PHASE 1 REMEDIAL INVESTIGATION (RI) WORK PLAN

Author: HSI GEOTRANS

Addressee:

Doc Type: REPORT

Doc Date: 11/12/1999 **# of Pages:** 232

File Break: 03.07

43194 ADDENDUM TO THE PHASE 1 REMEDIAL INVESTIGATION (RI) WORK PLAN

Author: HSI GEOTRANS

Addressee:

Doc Type: REPORT

Doc Date: 01/14/2000 **# of Pages:** 60

File Break: 03.07

43195 PROJECT OPERATIONS PLAN, REVISED [PART 1 OF 2]

Author: HSI GEOTRANS

Addressee:

Doc Type: REPORT

Doc Date: 03/10/2000 **# of Pages:** 496

File Break: 03.04

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005

Page 3 of 26

03: REMEDIAL INVESTIGATION (RI)

43196 PROJECT OPERATIONS PLAN, REVISED [PART 2 OF 2]

Author: HSI GEOTRANS

Addressee:

Doc Type: REPORT

Doc Date: 03/10/2000 **# of Pages:** 164

File Break: 03.04

229291 PHASE 1 REMEDIAL INVESTIGATION (RI) WORK PLAN (REVISED) [WITH TRANSMITTAL]

Author: HSI GEOTRANS

Addressee:

Doc Type: WORK PLAN

Doc Date: 03/10/2000 **# of Pages:** 196

File Break: 03.07

42863 PHASE 1 REMEDIAL INVESTIGATION (RI) DATA REPORT

Author: GEOTRANS INC

Addressee: W R GRACE & CO

Doc Type: REPORT

Doc Date: 04/30/2001 **# of Pages:** 324

File Break: 03.06

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 4 of 26

03: REMEDIAL INVESTIGATION (RI)

232820 SUB-RIVER SAMPLING DATA

Author: ANNE E BENJAMIN GEOTRANS INC
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
Doc Type: LETTER

Doc Date: 09/27/2001 **# of Pages:** 16
File Break: 03.02

232783 SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT [WITH TRANSMITTAL]

Author: KENNETH CERRETO MENZIE-CURA & ASSOCIATES INC
Addressee: JERRY CURA MENZIE-CURA & ASSOCIATES INC
KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC
GEOTRANS INC
Doc Type: REPORT

Doc Date: 04/19/2002 **# of Pages:** 475
File Break: 03.10

232791 WORKPLAN FOR PHASE 2 ECOLOGICAL RISK ASSESSMENT (ERA)

Author: JERRY CURA MENZIE-CURA & ASSOCIATES INC
Addressee: KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC
SUSAN B KANE DRISCOLL MENZIE-CURA & ASSOCIATES INC
GEOTRANS INC
Doc Type: WORK PLAN

Doc Date: 04/19/2002 **# of Pages:** 23
File Break: 03.07

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005

Page 5 of 26

03: REMEDIAL INVESTIGATION (RI)

232792 **COMMENTS ON SCREENING LEVEL ECOLOGICAL RISK ASSESSMENT (ERA) AND WORK PLAN FOR PHASE 2 ECOLOGICAL RISK ASSESSMENT (ERA)**

Author: NANCY BETTINGER MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 06/04/2002 **# of Pages:** 6

Addressee: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

File Break: 03.10

Doc Type: MEMO

232793 **SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT (ERA)**

Author: KENNETH CERRETO MENZIE-CURA & ASSOCIATES INC

Doc Date: 07/09/2002 **# of Pages:** 61

Addressee: JERRY CURA MENZIE-CURA & ASSOCIATES INC

File Break: 03.10

KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC

GEOTRANS INC

Doc Type: REPORT

229292 **PHASE 1 REMEDIAL INVESTIGATION (RI) DATA REPORT ADDENDUM [WITH TRANSMITTAL DATED 08/14/2002]**

Author: GEOTRANS INC

Doc Date: 08/16/2002 **# of Pages:** 240

Addressee: WR GRACE & CO - CONN

File Break: 03.06

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 6 of 26

03: REMEDIAL INVESTIGATION (RI)

232758 DRAFT REMEDIAL INVESTIGATION (RI) REPORT, VOLUME 2 OF 2 (APPENDICES)

Author: GEOTRANS INC

Addressee:

Doc Type: REPORT

Doc Date: 08/30/2002 # of Pages: 288

File Break: 03.06

232810 DRAFT REMEDIAL INVESTIGATION (RI) REPORT, VOLUME 1 OF 2 [WITH TRANSMITTAL DATED 08/29/2002]

Author: GEOTRANS INC

Addressee:

Doc Type: REPORT

Doc Date: 08/30/2002 # of Pages: 228

File Break: 03.06

232790 REVIEW OF "DRAFT REMEDIAL INVESTIGATION (RI) REPORT"

Author: BARBARA A WEIR METCALF AND EDDY, INC

Addressee: DERRICK GOLDEN US EPA REGION 1

Doc Type: REPORT

Doc Date: 09/30/2002 # of Pages: 5

File Break: 03.06

232824 COMMENTS ON AUGUST 2002 DATA REPORT ADDENDUM AND PHASE 1 REMEDIAL INVESTIGATION (RI) REPORT

Author: DERRICK GOLDEN US EPA REGION 1

Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Type: LETTER

Doc Date: 10/04/2002 # of Pages: 9

File Break: 03.06

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
*****For External Use*****

7/8/2005

Page 7 of 26

03: REMEDIAL INVESTIGATION (RI)

**232825 COMMENTS ON PHASE 1 REMEDIAL INVESTIGATION (RI) DATA REPORT ADDENDUM AND THE DRAFT
REMEDIAL INVESTIGATION (RI) REPORT**

Author: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 10/07/2002 **# of Pages:** 4

Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

File Break: 03.06

Doc Type: LETTER

232784 REVIEW OF THE GROUND-WATER FLOW MODEL

Author: DAVID G JEWETT US EPA CENTER FOR SUBSURFACE MODELING SUPPORT

Doc Date: 01/26/2003 **# of Pages:** 7

Addressee: DERRICK GOLDEN US EPA REGION 1

File Break: 03.01

Doc Type: MEMO

232778 MONITORING PROGRAM REPORT, 2002 [WITH TRANSMITTAL]

Author: GEOTRANS INC

Doc Date: 03/28/2003 **# of Pages:** 69

Addressee: WR GRACE & CO - CONN

File Break: 03.02

Doc Type: REPORT

**232782 RESPONSE TO GOVERNMENT PARTY COMMENTS ON PHASE 1 REMEDIAL INVESTIGATION (RI) DATA
REPORT, ADDENDUM AND DRAFT REMEDIAL INVESTIGATION (RI) REPORT [WITH TRANSMITTAL]**

Author: GEOTRANS INC

Doc Date: 03/28/2003 **# of Pages:** 55

Addressee: WR GRACE & CO - CONN

File Break: 03.06

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005

Page 8 of 26

03: REMEDIAL INVESTIGATION (RI)

232788 DATA REPORT FOR ECOLOGICAL RISK ASSESSMENT (ERA), VOLUME 1 OF 2 [WITH TRANSMITTAL]

Author: MENZIE-CURA & ASSOCIATES INC
Addressee: GEOTRANS INC

Doc Date: 04/25/2003 **# of Pages:** 371
File Break: 03.02

Doc Type: REPORT

232789 DATA REPORT FOR ECOLOGICAL RISK ASSESSMENT (ERA), VOLUME 2 OF 2

Author: MENZIE-CURA & ASSOCIATES INC
Addressee: GEOTRANS INC

Doc Date: 04/25/2003 **# of Pages:** 855
File Break: 03.02

Doc Type: REPORT

232756 PHASE 2 REMEDIAL INVESTIGATION (RI) DATA REPORT [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 05/14/2003 **# of Pages:** 39
File Break: 03.02

Doc Type: REPORT

232779 EVALUATION OF WRG-1, RP-1, AND NMGP

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 05/30/2003 **# of Pages:** 27
File Break: 03.02

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
*****For External Use*****

7/8/2005
Page 9 of 26

03: REMEDIAL INVESTIGATION (RI)

232785 REVIEW OF RESPONSE TO GOVERNMENT PARTY COMMENTS ON THE GROUND-WATER FLOW MODEL

Author: DAVID G JEWETT US EPA CENTER FOR SUBSURFACE MODELING SUPPORT
Addressee: DERRICK GOLDEN US EPA REGION 1

Doc Type: MEMO

Doc Date: 07/31/2003 **# of Pages:** 6
File Break: 03.01

232757 COMMENTS ON PHASE 2 REMEDIAL INVESTIGATION (RI) DATA REPORT

Author: DERRICK GOLDEN US EPA REGION 1
Addressee: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Type: LETTER

Doc Date: 08/07/2003 **# of Pages:** 2
File Break: 03.02

232786 RESPONSE TO COMMENTS ON EVALUATION OF GROUNDWATER WELLS: WRG-1, RP-1 AND NMGP

Author: MARYELLEN C JOHNS REMEDIUM GROUP INC
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Type: LETTER

Doc Date: 09/05/2003 **# of Pages:** 4
File Break: 03.01

232821 DATA REPORT FOR HUMAN HEALTH RISK ASSESSMENT SAMPLES [WITH TRANSMITTAL]

Doc Date: 10/01/2003 **# of Pages:** 40
File Break: 03.02

Doc Type: REPORT

Author: SUSAN KANE DRISCOLL MENZIE-CURA & ASSOCIATES INC
Addressee: KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC
GEOTRANS INC

Doc Date: 10/27/2003 **# of Pages:** 50
File Break: 03.10

Doc Type: REPORT

Author: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Date: 10/28/2003 **# of Pages:** 2
File Break: 03.01

Doc Type: LETTER

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
*****For External Use*****

7/8/2005
Page 11 of 26

03: REMEDIAL INVESTIGATION (RI)

232815 REVIEW OF THE RESPONSE TO GOVERNMENT PARTY COMMENTS ON THE GROUNDWATER FLOW MODEL

Author: DERRICK GOLDEN US EPA REGION 1

Doc Date: 10/29/2003 **# of Pages:** 5

Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

File Break: 03.01

Doc Type: LETTER

234830 DRAFT PUBLIC HEALTH RISK ASSESSMENT, INTERIM DELIVERABLE 1 AND 2 [WITH TRANSMITTAL]

Author: LISA BAILEY MENZIE-CURA & ASSOCIATES INC

Doc Date: 10/31/2003 **# of Pages:** 367

Addressee: KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC
DONNA VORHEES MENZIE-CURA & ASSOCIATES INC
GEOTRANS INC

File Break: 03.10

Doc Type: REPORT

234842 COMMENTS ON DRAFT PUBLIC HEALTH RISK ASSESSMENT [WITH TRANSMITTAL DATED 12/15/2003]

Author: JANE CERASO ACTON (MA) WATER DISTRICT

Doc Date: 10/31/2003 **# of Pages:** 2

Addressee: DERRICK GOLDEN US EPA REGION 1

File Break: 03.10

Doc Type: MEMO

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 12 of 26

03: REMEDIAL INVESTIGATION (RI)

234827 **REVIEW OF "RESPONSE TO GOVERNMENT PARTY COMMENTS ON PHASE 1 REMEDIAL INVESTIGATION (RI) DATA REPORT, ADDENDUM AND DRAFT REMEDIAL INVESTIGATION (RI) REPORT"**

Author: DERRICK GOLDEN US EPA REGION 1

Doc Date: 11/06/2003 **# of Pages:** 4

Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

File Break: 03.06

Doc Type: LETTER

232787 **NMGP AREA GROUNDWATER MONITORING**

Author: MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Date: 11/10/2003 **# of Pages:** 2

Addressee: DERRICK GOLDEN US EPA REGION 1

File Break: 03.01

DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Type: LETTER

234828 **COMMENTS ON RESPONSE TO GOVERNMENT PARTY COMMENTS ON PHASE 1 REMEDIAL INVESTIGATION (RI) DATA REPORT ADDENDUM AND DRAFT REMEDIAL INVESTIGATION (RI) REPORT**

Author: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 11/10/2003 **# of Pages:** 3

Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

File Break: 03.06

Doc Type: LETTER

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 13 of 26

03: REMEDIAL INVESTIGATION (RI)

232816 UPDATE ON PRIVATE IRRIGATION WELLS

Author: JOHN H GUSWA HSI GEOTRANS
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 12/04/2003 **# of Pages:** 14
File Break: 03.01

Doc Type: LETTER

234841 COMMENTS ON BENTHIC INVERTEBRATE EVALUATION FOR THE ASSABET RIVER

Author: DERRICK GOLDEN US EPA REGION 1
Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Date: 01/16/2004 **# of Pages:** 5
File Break: 03.10

Doc Type: LETTER

232759 RECENT TECHNICAL ISSUES SUMMARY: PUBLIC HEALTH RISK ASSESSMENT, THALLIUM, BENTHIC INVERTEBRATE SURVEY COMMENT LETTER, AND DRAFT OUTLINE FOR REUSE ASSESSMENT REPORT

Author: BARBARA A WEIR METCALF AND EDDY, INC
Addressee: DERRICK GOLDEN US EPA REGION 1

Doc Date: 01/30/2004 **# of Pages:** 5
File Break: 03.09

Doc Type: MEMO

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
*****For External Use*****

7/8/2005
Page 14 of 26

03: REMEDIAL INVESTIGATION (RI)

232822 DECEMBER 2003 AR-35 SAMPLING RESULTS AND PASSIVE DIFFUSION SAMPLING EVALUATION

Author: JONATHAN R BRIDGE GEOTRANS INC
Addressee: DERRICK GOLDEN US EPA REGION 1
 DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Type: LETTER

Doc Date: 02/25/2004 **# of Pages:** 6
File Break: 03.02

**232781 DATA USABILITY SUMMARY REPORT FOR PUBLIC HEALTH AND ECOLOGICAL RISK ASSESSMENT
(ERA) [WITH TRANSMITTAL]**

Author: GEOTRANS INC
Addressee: NEW ENVIRONMENTAL HORIZONS INC

Doc Type: REPORT

Doc Date: 03/02/2004 **# of Pages:** 351
File Break: 03.02

232780 MONITORING PROGRAM REPORT, 2003 [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Type: REPORT

Doc Date: 05/04/2004 **# of Pages:** 63
File Break: 03.02

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
*****For External Use*****

7/8/2005
Page 15 of 26

03: REMEDIAL INVESTIGATION (RI)

232817 **COMMENTS ON SUPPORTING DATA FOR THE GROUNDWATER FLOW MODELING TO SUPPORT THE
REMDIAL INVESTIGATION / FEASABILITY STUDY (RI/FS)**

Author: DERRICK GOLDEN US EPA REGION 1

Doc Date: 05/27/2004 **# of Pages:** 3

Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

File Break: 03.01

Doc Type: LETTER

232794 **ADDENDUM TO REVISED BENTHIC INVERTEBRATE EVALUATION FOR THE ASSABET RIVER**

Author: KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC

Doc Date: 07/13/2004 **# of Pages:** 23

Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

File Break: 03.10

Doc Type: LETTER

232763 **BASELINE ECOLOGICAL RISK ASSESSMENT [WITH TRANSMITTAL]**

Author: MENZIE-CURA & ASSOCIATES INC

Doc Date: 07/30/2004 **# of Pages:** 293

Addressee: GEOTRANS INC

File Break: 03.10

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 16 of 26

03: REMEDIAL INVESTIGATION (RI)

232762 PUBLIC HEALTH RISK ASSESSMENT, INTERIM DELIVERABLE 3 [WITH TRANSMITTAL DATED 08/12/2004]

Author: LISA BAILEY MENZIE-CURA & ASSOCIATES INC
Addressee: KATHERINE A FOGARTY MENZIE-CURA & ASSOCIATES INC
DONNA VORHEES MENZIE-CURA & ASSOCIATES INC
MENZIE-CURA & ASSOCIATES INC
GEOTRANS INC

Doc Date: 08/05/2004 **# of Pages:** 960
File Break: 03.10

Doc Type: REPORT

232811 MONITORING PROGRAM REPORT, 2004 [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 06/03/2005 **# of Pages:** 73
File Break: 03.04

Doc Type: REPORT

234839 CORRECTED TABLE FOR BACKGROUND METALS CONCENTRATIONS FOR NORTH LAGOON WETLAND
SEDIMENT

Author: ANNE BENJAMIN SHEEHAN GEOTRANS INC
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 06/21/2005 **# of Pages:** 2
File Break: 03.02

Doc Type: LETTER

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
*****For External Use*****

7/8/2005
Page 17 of 26

03: REMEDIAL INVESTIGATION (RI)

232805 PUBLIC REVIEW DRAFT REMEDIAL INVESTIGATION (RI) REPORT, VOLUME 1 OF 2 [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 07/01/2005 **# of Pages:** 227
File Break: 03.06

Doc Type: REPORT

232806 PUBLIC REVIEW DRAFT REMEDIAL INVESTIGATION (RI) REPORT, VOLUME 2 OF 2

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 07/01/2005 **# of Pages:** 202
File Break: 03.06

Doc Type: REPORT

232807 PUBLIC REVIEW DRAFT PUBLIC HEALTH RISK ASSESSMENT [WITH TRANSMITTAL]

Author: MENZIE-CURA & ASSOCIATES INC
Addressee: GEOTRANS INC

Doc Date: 07/01/2005 **# of Pages:** 918
File Break: 03.10

Doc Type: REPORT

232808 PUBLIC REVIEW DRAFT BASELINE ECOLOGICAL RISK ASSESSMENT

Author: MENZIE-CURA & ASSOCIATES INC
Addressee: GEOTRANS INC

Doc Date: 07/01/2005 **# of Pages:** 502
File Break: 03.10

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 18 of 26

03: REMEDIAL INVESTIGATION (RI)

232809 PROPOSED PLAN

Author: US EPA REGION 1
Addressee:
Doc Type: FACT SHEET

Doc Date: 07/01/2005 **# of Pages:** 20
File Break: 04.09

234840 CONSTRUCTION, CALIBRATION, AND ANALYSIS OF A THREE-DIMENSIONAL NUMERICAL
GROUNDWATER FLOW MODEL

Author: GEOTRANS INC
Addressee: W.R. GRACE
Doc Type: REPORT

Doc Date: 07/01/2005 **# of Pages:** 110
File Break: 03.04

232818 ADDITIONAL MODEL ANALYSES FOR NORTHEAST AREA

Author: JOHN H GUSWA HSI GEOTRANS
Addressee: DERRICK GOLDEN US EPA REGION 1
GRETCHEN MUENCH US EPA REGION 1
Doc Type: MEMO

Doc Date: 07/07/2005 **# of Pages:** 1
File Break: 03.01

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 19 of 26

03: REMEDIAL INVESTIGATION (RI)

232819 GROUNDWATER FLOW AND CONTAMINANT TRANSPORT MODELS

Author: WARREN DIESL METCALF & EDDY
Addressee: DERRICK GOLDEN US EPA REGION 1
Doc Type: MEMO

Doc Date: 07/07/2005 **# of Pages:** 3
File Break: 03.01

232823 MCP AS APPLICABLE OF RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR) FOR THE GRACE SITE

Author: GRETCHEN MUENCH US EPA REGION 1
Addressee: DERRICK GOLDEN US EPA REGION 1
Doc Type: MEMO

Doc Date: 07/07/2005 **# of Pages:** 1
File Break: 03.05

04: FEASIBILITY STUDY (FS)

43198 DEVELOPMENT AND INITIAL SCEENING OF ALTERNATIVES

Author: HSI GEOTRANS
Addressee:
Doc Type: REPORT

Doc Date: 11/15/2001 **# of Pages:** 96
File Break: 04.04

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 20 of 26

04: FEASIBILITY STUDY (FS)

229294 DETAILED ANALYSIS OF ALTERNATIVES WORK PLAN [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 04/19/2002 **# of Pages:** 30
File Break: 04.07

Doc Type: WORK PLAN

229293 REVIEW OF POTENTIALLY RESPONSIBLE PARTY (PRP) DELIVERABLES: SCREENING-LEVEL
ECOLOGICAL RISK ASSESSMENT, WORKPLAN FOR PHASE 2 ECOLOGICAL RISK ASSESSMENT, AND
DETAILED ANALYSIS OF ALTERNATIVES WORK PLAN

Author: BARBARA A WEIR METCALF AND EDDY, INC
Addressee: DERRICK GOLDEN US EPA REGION 1

Doc Date: 05/31/2002 **# of Pages:** 10
File Break: 04.04

Doc Type: LETTER

232760 GROUNDWATER TREATABILITY AND PILOT TEST EVALUATION REPORT [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 04/28/2003 **# of Pages:** 64
File Break: 04.04

Doc Type: REPORT

04: FEASIBILITY STUDY (FS)

232761 COMMENTS ON GROUNDWATER TREATABILITY AND PILOT TEST EVALUATION REPORT

Author: DERRICK GOLDEN US EPA REGION 1
Addressee: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Date: 08/28/2003 **# of Pages:** 3
File Break: 04.04

Doc Type: LETTER

229295 MA DEP COMMENTS ON DETAILED ANALYSIS OF ALTERNATIVES WORK PLAN

Author: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
Addressee: MARYELLEN C JOHNS REMEDIUM GROUP INC

Doc Date: 05/03/2004 **# of Pages:** 5
File Break: 04.07

Doc Type: LETTER

232812 DRAFT FEASIBILITY STUDY (FS) [WITH MARGINALIA]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN

Doc Date: 03/01/2005 **# of Pages:** 350
File Break: 04.06

Doc Type: REPORT

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 22 of 26

04: FEASIBILITY STUDY (FS)

232813 BACKGROUND METALS CONCENTRATIONS FOR NORTH LAGOON WETLAND SEDIMENT [WITH MARGINALIA]

Author: ANNE BENJAMIN SHEEHAN GEOTRANS INC
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 03/08/2005 **# of Pages:** 8
File Break: 04.02

Doc Type: LETTER

234845 COMMENTS ON DRAFT FEASIBILITY STUDY (FS)

Author: JANE CERASO ACTON (MA) WATER DISTRICT
Addressee: JIM DEMING ACTON (MA) WATER DISTRICT
DERRICK GOLDEN US EPA REGION 1

Doc Date: 03/14/2005 **# of Pages:** 3
File Break: 04.06

Doc Type: LETTER

234847 COMMENTS ON DRAFT FEASIBILITY STUDY (FS) ON BEHALF OF TOWN OF ACTON

Author: JAMES D OKUN OREILLY TALBOT & OKUN ASSOCIATES
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 03/16/2005 **# of Pages:** 8
File Break: 04.06

Doc Type: LETTER

04: FEASIBILITY STUDY (FS)

234833 **COMMENTS ON FEASIBILITY STUDY (FS) ON BEHALF OF TOWN OF ACTON**

Author: STEPHEN D ANDERSON ANDERSON & KREIGER
Addressee: DERRICK GOLDEN US EPA REGION 1
 DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 03/17/2005 **# of Pages:** 5
File Break: 04.06

Doc Type: LETTER

234831 **COMMENTS ON BACKGROUND METALS CONCENTRATIONS FOR NORTH LAGOON WETLAND
SEDIMENT**

Author: MARY MICHELMAN ACTON CITIZENS FOR ENVIRONMENTAL SAFETY (STARMET/NUCLEAR METAL
Addressee: GEOTRANS INC

Doc Date: 03/23/2005 **# of Pages:** 2
File Break: 04.02

Doc Type: LETTER

234834 **COMMENTS ON DRAFT FEASIBILITY STUDY (FS) [WITH MARGINALIA]**

Author: MARY MICHELMAN ACTON CITIZENS FOR ENVIRONMENTAL SAFETY (STARMET/NUCLEAR METAL
Addressee: DERRICK GOLDEN US EPA REGION 1
 DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 03/23/2005 **# of Pages:** 13
File Break: 04.06

Doc Type: LETTER

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 24 of 26

04: FEASIBILITY STUDY (FS)

234846 COMMENTS ON DRAFT FEASIBILITY STUDY (FS)

Author: MARY MICHELMAN ACTON CITIZENS FOR ENVIRONMENTAL SAFETY (STARMET/NUCLEAR METAL)
Addressee: DERRICK GOLDEN US EPA REGION 1
DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 03/23/2005 **# of Pages:** 13
File Break: 04.06

Doc Type: LETTER

234832 COMMENTS ON "DRAFT FEASIBILITY STUDY (FS)"

Author: BARBARA A WEIR METCALF AND EDDY, INC
Addressee: DERRICK GOLDEN US EPA REGION 1

Doc Date: 03/25/2005 **# of Pages:** 11
File Break: 04.06

Doc Type: REPORT

234835 CLARIFICATION OF COMMENTS ON DRAFT FEASIBILITY STUDY (FS)

Author: JANE CERASO ACTON (MA) WATER DISTRICT
Addressee: JIM DEMING ACTON (MA) WATER DISTRICT
DERRICK GOLDEN US EPA REGION 1

Doc Date: 04/08/2005 **# of Pages:** 2
File Break: 04.06

Doc Type: LETTER

AR Collection: 410
ROD PROPOSED PLAN
AR Collection QA Report
For External Use

7/8/2005
Page 25 of 26

04: FEASIBILITY STUDY (FS)

234843 DRAFT, COMMENTS ON DRAFT FEASIBILITY STUDY (FS)

Author: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
Addressee: DERRICK GOLDEN US EPA REGION 1
Doc Type: LETTER

Doc Date: 05/09/2005 **# of Pages:** 6
File Break: 04.06

234836 REVIEW OF PORTIONS OF ATTACHMENT A OF THE FEASIBILITY STUDY (FS)

Author: SARAH LEVINSON US EPA REGION 1
Addressee:
Doc Type: MEMO

Doc Date: 06/06/2005 **# of Pages:** 6
File Break: 04.06

234837 PUBLIC REVIEW DRAFT FEASIBILITY STUDY (FS) [WITH TRANSMITTAL]

Author: GEOTRANS INC
Addressee: WR GRACE & CO - CONN
Doc Type: REPORT

Doc Date: 07/01/2005 **# of Pages:** 478
File Break: 04.06

234838 COMMENTS ON REVISED DRAFT FEASIBILITY STUDY (FS) [WITH E-MAIL TRANSMITTAL]

Author: DANIEL KEEFE MA DEPT OF ENVIRONMENTAL PROTECTION
Addressee: DERRICK GOLDEN US EPA REGION 1
Doc Type: LETTER

Doc Date: 07/07/2005 **# of Pages:** 3
File Break: 04.06

13: COMMUNITY RELATIONS

234844 **REQUEST OF EXTENSION OF TIMELINE FOR RECORD OF DECISION (ROD)**

Author: MARY MICHELMAN ACTON CITIZENS FOR ENVIRONMENTAL SAFETY (STARMET/NUCLEAR METAL)
Addressee: DERRICK GOLDEN US EPA REGION 1

Doc Date: 04/18/2005 **# of Pages:** 3
File Break: 13.01

Doc Type: LETTER

Number of Documents in Collection82

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

COSTS OF REMEDIAL RESPONSE ACTIONS AT UNCONTROLLED HAZARDOUS WASTE SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1981		1001

TITLE

EPA GUIDE FOR MINIMIZING ADVERSE ENVIRONMENTAL EFFECTS OF CLEANUP OF UNCONTROLLED HAZARDOUS-WASTE SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1985	EPA/600/8-85/008	2001

TITLE

INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1988	OSWER #9355.3-01	2002

TITLE

MODELING REMEDIAL ACTIONS AT UNCONTROLLED HAZARDOUS WASTE SITES (VOL. I-IV)

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/1/1985	OSWER #9355.0-08	2004

TITLE

POLICY ON FLOOD PLAINS AND WETLAND ASSESSMENTS FOR CERCLA ACTIONS

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1985	OSWER #9280.0-02	2005

TITLE

RI/FS IMPROVEMENTS

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/23/1987	OSWER #9355.0-20	2008

TITLE

RI/FS IMPROVEMENTS FOLLOW-UP

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/25/1988	OSWER #9355.3-05	2009

TITLE

SUPERFUND REMEDIAL DESIGN AND REMEDIAL ACTION GUIDANCE

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1986	OSWER #9355.0-4A	2011

TITLE

GETTING READY - SCOPING THE RI/FS [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1989	OSWER #9355.3-01FS1	2013

TITLE

GUIDANCE ON REMEDIAL ACTIONS FOR SUPERFUND SITES WITH PCB CONTAMINATION

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1990	OSWER #9355.4-01	2014

TITLE

GUIDE FOR CONDUCTING TREATABILITY STUDIES UNDER CERCLA; INTERIM FINAL;

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1989	EPA/540/2-89/058	2015

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

MODEL STATEMENT OF WORK FOR A REMEDIAL INVESTIGATION AND FEASIBILITY STUDY CONDUCTED BY POTENTIALLY RESPONSIBLE PARTIES

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/2/1989	OSWER #9835.8	2016

TITLE

FEASIBILITY STUDY - DEVELOPMENT AND SCREENING OF REMEDIAL ACTION ALTERNATIVES [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1989	OSWER #9355.3-01FS3	2018

TITLE

FEASIBILITY STUDY: DETAILED ANALYSIS OF REMEDIAL ACTION ALTERNATIVES [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1990	OSWER #9355.3-01FS4	2019

TITLE

TREATABILITY STUDIES UNDER CERCLA: AN OVERVIEW [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1989	OSWER #9380.3-02FS	2020

TITLE

DATA QUALITY OBJECTIVES FOR REMEDIAL RESPONSE ACTIVITIES: EXAMPLE SCENARIO: RI/FS ACTIVITIES AT A SITE W/ CONTAMINATED SOILS AND GROUNDWATER

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1987	EPA/540/G-87/004	2102

TITLE

SEDIMENT SAMPLING QUALITY ASSURANCE USER'S GUIDE

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1985	EPA/600/4-85/048	2116

TITLE

COMPENDIUM OF TECHNOLOGIES USED IN THE TREATMENT OF HAZARDOUS WASTES

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1987	EPA/625/8-87/014	2300

TITLE

INNOVATIVE TECHNOLOGY - IN-SITU VITRIFICATION [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1989	OSWER #9200.5-251FS	2325

TITLE

INNOVATIVE TECHNOLOGY - SOIL WASHING [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1989	OSWER #9200.5-250FS	2327

TITLE

PROTOCOL FOR GROUND-WATER EVALUATIONS

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1986	OSWER #9080.0-1	2406

TITLE

EVALUATION OF GROUND-WATER EXTRACTION REMEDIES-VOLUME 1 SUMMARY REPORT

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1989	EPA/540/2-89/054	2412

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1988	OSWER #9283.1-2	2413

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - OVERVIEW OF ARARs - FOCUS ON ARAR WAIVERS [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1989	OSWER #9234.2-03FS	3011

TITLE

LAND DISPOSAL RESTRICTIONS AS RELEVANT AND APPROPRIATE REQUIREMENTS FOR CERCLA CONTAMINATED SOIL AND DEBRIS

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/5/1989	OSWER #9347.2-01	3016

TITLE

GUIDANCE DOCUMENT FOR PROVIDING ALTERNATE WATER SUPPLIES

DOCDATE	OSWER/EPA ID	DOCNUMBER
2/1/1988	OSWER #9355.3-03	4001

TITLE

SUPERFUND EXPOSURE ASSESSMENT MANUAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/1/1988	OSWER #9285.5-1	5013

TITLE

SUPERFUND PUBLIC HEALTH EVALUATION MANUAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1986	OSWER #9285.4-1	5014

TITLE

TOXICOLOGY HANDBOOK

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1985	OSWER #9850.2	5015

TITLE

AIR/SUPERFUND NATIONAL TECHNICAL GUIDANCE STUDY SERIES VOLUME I - APPLICATION OF AIR PATHWAY ANALYSES FOR SUPERFUND ACTIVITIES

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1988		5016

TITLE

AIR/SUPERFUND NATIONAL TECHNICAL GUIDANCE STUDY SERIES VOLUME II - ESTIMATION OF BASELINE AIR EMISSIONS AT SUPERFUND SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1989	EPA/450/1-89/002	5017

TITLE

AIR/SUPERFUND NATIONAL TECHNICAL GUIDANCE STUDY SERIES VOLUME III - ESTIMATION OF AIR EMISSIONS FROM CLEANUP ACTIVITIES AT SUPERFUND SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1989	EPA/450/1-89/003	5018

TITLE

EXPOSURE FACTORS HANDBOOK

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1989	EPA/600/8-89/043	5020

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

GUIDANCE FOR SOIL INGESTION RATES

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/27/1989	OSWER #9850.4	5021

TITLE

OPTIONS FOR INTERIM POLICY FOR SOIL INGESTION ASSUMPTIONS

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/4/1988		5022

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME I, HUMAN HEALTH EVALUATION MANUAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/29/1989	OSWER #9285.7-01a	5023

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME II, ENVIRONMENTAL EVALUATION MANUAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1989	EPA/540/1-89/001	5024

TITLE

REMEDIAL INVESTIGATION - SITE CHARACTERIZATION AND TREATABILITY STUDIES [QUICK REFERENCE FACT SHEET]

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1989	OSWER #9355.3-01FS2	5025

TITLE

TOXICOLOGICAL PROFILE FOR ARSENIC

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1989		5028

TITLE

TOXICOLOGICAL PROFILE FOR BENZENE

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/1/1989		5029

TITLE

TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1989		5041

TITLE

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK (INTERIM VERSION). INCLUDES CHAPTER 6, DATED 11/03/88.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1988	OSWER #9230.0-03B	7000

TITLE

ENDANGERMENT ASSESSMENT GUIDANCE

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/22/1985	OSWER #9850.0-1	8000

TITLE

INTERIM GUIDANCE ON POTENTIALLY RESPONSIBLE PARTY PARTICIPATION IN REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/16/1988	OSWER #9835.1a	8001

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

INTERIM GUIDANCE ON SUPERFUND SELECTION OF REMEDY

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/24/1986	OSWER #9355.0-19	9000

TITLE

RCRA/CERCLA DECISIONS MADE ON REMEDY SELECTION

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/24/1985		9001

TITLE

GUIDE TO SELECTING SUPERFUND REMEDIAL ACTIONS

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/1/1990	OSWER #9355.0-27FS	9002

TITLE

ANALYSIS OF RCRA CLOSURE OPTIONS FOR SUPERFUND SITES IN SUPERFUND 1987: PROCEEDINGS OF THE 8TH NATIONAL CONFERENCE.

DOCDATE	OSWER/EPA ID	DOCNUMBER
		C002

TITLE

PROTECTION OF WETLANDS: EXECUTIVE ORDER 11990. 42 FED. REG. 26961 (1977).

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/24/1977		C003

TITLE

DEVELOPMENT OF STATISTICAL DISTRIBUTION OR RANGES STANDARD FACTORS USED IN EXPOSURE ASSESSMENTS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1985	EPA 600/8-85-010	C020

TITLE

DRAFT GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA. SUPERSEDED BY 2002.

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1988	OSWER 9335.3-01	C021

TITLE

DRAFT GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1986	OSWER 9283.1-2	C022

TITLE

ENDANGERMENT ASSESSMENT HANDBOOK.

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1985	OSWER 9850.1	C025

TITLE

FEASIBILITY TESTING OF IN SITU VITRIFICATION OF NEW BEDFORD HARBOR SEDIMENTS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1988		C028

TITLE

GUIDANCE ON FEASIBILITY STUDIES UNDER CERCLA.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1985	EPA 540/G-85-003	C034

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

GUIDANCE ON REMEDIAL INVESTIGATIONS UNDER CERCLA.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1985	EPA 540/G-85/002	C035

TITLE

IN SITU VITRIFICATION OF PCB-CONTAMINATED SOILS. FINAL REPORT.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1986		C040

TITLE

LAND DISPOSAL RESTRICTIONS AS RELEVANT AND APPROPRIATE REQUIREMENTS FOR CERCLA CONTAMINATED SOIL AND DEBRIS. DUPLICATE OF 3016.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/5/1989	OSWER 9347.2-01	C054

TITLE

INTERIM GUIDANCE ON COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/9/1987	OSWER 9234.0-05	C055

TITLE

POLICY FOR SUPERFUND COMPLIANCE WITH THE RCRA LAND DISPOSAL RESTRICTIONS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/17/1989	OSWER 9347.1-02	C058

TITLE

SOIL SAMPLING QUALITY ASSURANCE USER'S GUIDE. SECOND EDITION.

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1989	EPA 600/8-89/046	C091

TITLE

SUPPLEMENTAL RISK ASSESSMENT GUIDANCE FOR THE SUPERFUND PROGRAM. DRAFT FINAL.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1989	EPA 901/5-89-001	C104

TITLE

GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES. INTERIM FINAL. DUPLICATE OF 2413.

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1988	OSWER 9283.1-2	C106

TITLE

APPLICABILITY OF LDRS TO RCRA AND CERCLA GROUND WATER TREATMENT REINJECTION SUPERFUND MANAGEMENT REVIEW: RECOMMENDATION NO. 26. DUPLICATE OF C119.

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/27/1989	OSWER 9234.1-06	C117

TITLE

GUIDE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER. DUPLICATE OF 2409.

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/1/1989	OSWER 9283.1-2FS	C120

TITLE

ARARS Q'S & A'S. GENERAL POLICY: RCRA, CWA & SDWA. SUPERFUND FACT SHEET. DUPLICATE OF 3006.

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/1/1989	OSWER 9234.2-01/FS-A	C122

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

EVALUATION OF GROUND-WATER EXTRACTION REMEDIES. VOLUME 1. SUMMARY REPORT. DUPLICATE OF 2412.

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1989	EPA 540/2-89/054	C131

TITLE

GROUND WATER ISSUE. PERFORMANCE EVALUATIONS OF PUMP-AND-TREAT REMEDIATIONS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1989	EPA 540/4-89/005	C134

TITLE

ATSDR FACT SHEET.

DOCDATE	OSWER/EPA ID	DOCNUMBER
		C150

TITLE

INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA. DUPLICATE OF 2002.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1988	OSWER 9355.3-01	C170

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND. VOLUME I. HUMAN HEALTH EVALUATION MANUAL (PART A). INTERIM FINAL.

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1989	EPA 540/1-89/002	C174

TITLE

GUIDANCE ON PREPARING SUPERFUND DECISION DOCUMENTS: THE PROPOSED PLAN, THE RECORD OF DECISION, E.S.D.'S, R.O.D. AMENDMENT. INTERIM FINAL.

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1989	OSWER 9355.3-02	C179

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND. HUMAN HEALTH EVALUATION MANUAL PART A.

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1989	OSWER 9285.7-01A	C180

TITLE

FINAL GUIDANCE ON OVERSITE OF POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES. VOLUMES 1 & 2.

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1991	OSWER 9835.1 (d)	C184

TITLE

MANAGEMENT OF INVESTIGATION-DERIVED WASTES DURING SITE INSPECTIONS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/1/1991	EPA 540/G-91/009	C189

TITLE

BASICS OF PUMP-AND-TREAT GROUND-WATER REMEDIATION TECHNOLOGY.

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1990	EPA 600/8-90/003	C194

TITLE

INTERIM FINAL GUIDANCE ON PREPARING SUPERFUND DECISION DOCUMENTS: PROPOSED PLAN, RECORD OF DECISION, ESD'S, RECORD OF DECISION AMENDMENT.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1989	OSWER 9355.3-02	C249

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

TRANSPORT AND FATE OF CONTAMINANTS IN THE SUBSURFACE. SEMINAR PUBLICATION.

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1989	EPA 625/4-89/019	C252

TITLE

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK.

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1986	OSWER 9230.0-3A	C260

TITLE

FINAL POLICY TOWARD OWNERS OF PROPERTY CONTAINING CONTAMINATED AQUIFERS

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/24/1995	PB96-109145	C271

TITLE

ROLE OF THE BASELINE RISK ASSESSMENT IN SUPERFUND REMEDY SELECTION DECISIONS

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/22/1991	OSWER 9355.0-30	C276

TITLE

ARAR'S FACT SHEET: COMPLIANCE WITH CLEAN THE CLEAN AIR ACT AND ASSOCIATED AIR QUALITY REQUIREMENTS

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1992		C281

TITLE

RISK UPDATE ISSUE NO. 2

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1994		C288

TITLE

ECOLOGICAL RISK ASSESSMENT GUIDANCE FOR SUPERFUND PROCESS FOR DESIGNING AND CONDUCTING ECOLOGICAL RISK ASSESSMENTS (EPA 540-R-97-006)

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/2/1997		C361

TITLE

REVIEW OF ECOLOGICAL ASSESSMENT CASE STUDIES FROM A RISK ASSESSMENT PERSPECTIVE

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/1/1993	EPA 630/R-92-005	C363

TITLE

FRAMEWORK FOR ECOLOGICAL RISK ASSESSMENT (EPA/630/R-92/001)

DOCDATE	OSWER/EPA ID	DOCNUMBER
2/1/1992	EPA 630/R-92-001	C364

TITLE

DRAFT FINAL GUIDELINES FOR ECOLOGICAL RISK ASSESSMENT

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/18/1997		C366

TITLE

REVIEW OF ECOLOGICAL ASSESSMENT CASE STUDIES FROM A RISK ASSESSMENT PERSPECTIVE - VOLUME II (EPA/630/R-94/003)

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1994	EPA 630/R-94-003	C367

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

TOXICOLOGICAL BENCHMARKS FOR WILDLIFE: 1996 REVISION

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1996		C368

TITLE

ECOLOGICAL RISK ASSESSMENT ISSUE PAPERS (EPA/630/R-94/009)

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1994	EPA 630/R-94-009	C369

TITLE

ROLE OF BTAG'S IN ECOLOGICAL ASSESSMENT -ECO UPDATE - VOL. 1, NO. 1

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1991	OSWER 9345.0-05I	C416

TITLE

SUMMARY OF EPA SEDIMENT POLICY GOALS

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/9/1997		C449

TITLE

HEALTH EFFECTS ASSESSMENT SUMMARY TABLES - FY 1997 UPDATE

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1997	EPA 540/R-97-036	C468

TITLE

DERMAL EXPOSURE ASSESSMENT: PRINCIPLES AND APPLICATIONS

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1992	EPA 600/8-91-011B	C469

TITLE

DOCUMENTATION FOR THE RISK ASSESSMENT SHORTFORM RESIDENTIAL SCENARIO(POLICY #WCS/ORS-142-92)

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1992		C470

TITLE

EXECUTIVE ORDER 11988 - FLOODPLAIN MANAGEMENT

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/24/1977		C471

TITLE

EXECUTIVE ORDER 11990 - PROTECTION OF WETLANDS

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/24/1977		C472

TITLE

RULES OF THUMB FOR SUPERFUND REMEDY SELECTION (EPA 540-R-97-013)

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1997	OSWER 9355.0-69	C473

TITLE

DRAFT INTERIM FINAL OSWER MONITORED NATURAL ATTENUATION POLICY

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1997	OSWER 9200.4-17	C474

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

USE OF MONITORED NATURAL ATTENUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND UNDERGROUND STORAGE TANK SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1997	OSWER 9200.4-17	C475

TITLE

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1992	EPA 540/R-92/009	C488

TITLE

USE OF MONITORED NATURAL ATTENUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND UNDERGROUND STORAGE TANK SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/21/1999	OSWER 9200.4-17P	C515

TITLE

GROUND WATER ISSUE: MICROBIAL PROCESSES AFFECTING MONITORED NATURAL ATTENUATION OF CONTAMINANTS IN THE SUBSURFACE

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1999	EPA 540/S-99/001	C516

TITLE

ANALYSIS OF GROUND-WATER REMEDIAL ALTERNATIVES AT A SUPERFUND SITE, GROUNDWATER, VOL. 29, NO. 6

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1991		C517

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME 1, HUMAN HEALTH EVALUATION MANUAL, INTERIM

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1998	OSWER 9285.7-01D	C530

TITLE

INSTITUTIONAL CONTROLS: A SITE MANAGER'S GUIDE TO IDENTIFYING, EVALUATING AND SELECTING INSTITUTIONAL CONTROLS AT SUPERFUND AND RCRA CORRECTIVE ACTION CLEANUPS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/2000	OSWER 9355.0-74 FS-P	C531

TITLE

FIELD APPLICATIONS OF IN SITU REMEDIATION TECHNOLOGIES: CHEMICAL OXIDATION.

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1998	EPA 542-R-98-008	C533

TITLE

GUIDE FOR CONDUCTING TREATABILITY STUDIES UNDER CERCLA, BIODEGRADATION REMEDY SELECTION, INTERIM GUIDANCE

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1993	EPA 540/R-93/519A	C542

TITLE

GUIDANCE FOR MONITORING AT HAZARDOUS WASTE SITES: FRAMEWORK FOR MONITORING PLAN DEVELOPMENT AND IMPLEMENTATION

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/2002	OSWER 9355.4-28	C543

TITLE

HANDBOOK, GROUND WATER, VOLUME 1: GROUND WATER AND CONTAMINATION

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1990	EPA 625/6-90/016A	C559

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

HANDBOOK, GROUND WATER, VOLUME 2: METHODOLOGY

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1991	EPA 625/6-90/016B	C560

TITLE

ECOLOGICAL RISK ASSESSMENT AND RISK MANAGEMENT PRINCIPLES FOR SUPERFUND SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/7/1999	OSWER 9285.7-28 P	C563

TITLE

ROLE OF THE ECOLOGICAL RISK ASSESSMENT IN THE BASELINE RISK ASSESSMENT

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/12/1994	OSWER 9285.7-17	C564

TITLE

PRINCIPLES FOR MANAGING CONTAMINATED SEDIMENT RISKS AT HAZARDOUS WASTE SITES

DOCDATE	OSWER/EPA ID	DOCNUMBER
2/12/2002	OSWER 9285.6-08	C565

TITLE

WILDLIFE EXPOSURE FACTORS HANDBOOK, VOLUME 1 OF 2

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1993	EPA 600/R-93/187	C566

TITLE

WILDLIFE EXPOSURE FACTORS HANDBOOK, VOLUME 2 OF 2

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/1993	EPA 600/R-93/187	C567

TITLE

DRAFT GUIDANCE FOR EVALUATING THE VAPOR INTRUSION TO INDOOR AIR PATHWAY FROM GROUNDWATER AND SOILS (SUBSURFACE VAPOR INTRUSION GUIDANCE)

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/20/2002		C574

TITLE

EXECUTIVE ORDER 11988, FLOODPLAIN MANAGEMENT

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/24/1977	EO 11988	C578

TITLE

A GUIDE TO DEVELOPING AND DOCUMENTING COST ESTIMATES DURING THE FEASIBILITY STUDY

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/2000	OSWER 9355.0-75	C582

TITLE

RISK UPDATES NO 3

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/1995		C591

TITLE

RISK UPDATES NO 4

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1996		C592

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND VOLUME I: HUMAN HEALTH EVALUATION MANUAL. PART D. STANDARDIZED PLANNING, REPORTING, AND REVIEW OF SUPERFUND RISK ASSESSMENTS. FINAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/1/2001		C593

TITLE

PRELIMINARY REMEDIATION GOALS TABLE REGION 9 TECHNICAL SUPPORT TEAM

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/2002		C594

TITLE

NATIONAL RECOMMENDED WATER QUALITY CRITERIA

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/27/2002		C597

TITLE

DRINKING WATER STANDARDS

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/2003		C599

TITLE

RISK-BASED CONCENTRATION TABLE REGION III TECHNICAL GUIDANCE MANUAL RISK ASSESSMENT

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/14/2004		C600

TITLE

PRO-UCL VERSION 3.0 STATISTICAL SOFTWARE TO COMPUTE UPPER CONFIDENCE LIMITS ON THE UNKNOWN POPULATION MEAN

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/1/2004		C601

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND VOLUME I: HUMAN HEALTH EVALUATION MANUAL (PART E SUPPLEMENTAL GUIDANCE FOR DERMAL RISK ASSESSMENT) FINAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/2004		C602

TITLE

GUIDELINES FOR ECOLOGICAL RISK ASSESSMENT

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/1/1998		C614